

Four-head Liquid Filling Machine

1. Model# DX-GZ-04Y



2. Equipment technical parameters

- ① Number of filling heads: 4
- ② Filling capacity: 5ml-3500ml (filling accuracy varies according to different products);
- ③ Filling speed: 4-40 bottles/min (the filling speed varies according to different materials). The filling speed is adjustable to prevent bottle overflow;
- ④ Filling accuracy: $\pm 1\%$;
- ⑤ Filling form: DC motor driven magnetic pump filling;
- ⑥ Equipped with the function of no filling without bottles;
- ⑦ The overall program control adopts PLC + touch screen, and the filling volume and filling speed are convenient, fast and simple to adjust;
- ⑧ The overall appearance material is mainly made of stainless steel 304, with a thickness of 1.5mm;
- ⑨ Materials for parts in contact with liquid: 316L stainless steel and food-grade PVC;
- ⑩ The filling nozzle is made of stainless steel 316, which is corrosion-resistant and meets GMP production

requirements;

- ⑪ The maximum filling temperature is within 70°C;
- ⑫ The feed hose is made of PVC and the temperature range is -10°C~+90°C;
- ⑬ The equipment has strong compatibility and can quickly adjust and replace bottles of different shapes and specifications without replacing parts, which can meet the production requirements of multiple varieties and specifications;
- ⑭ Full Chinese true color human-machine interface, the terminal display operating platform adopts Chinese and English menus, the human-machine interface has functions such as parameter setting, manual operation, I/O monitoring, function selection, etc., which is intuitive and simple; greatly facilitates parameter setting Adjustment and testing of various functions;
- ⑮ The conveyor belt is configured to be 2.0 meters long, 0.75-0.85 meters high, and 114mm wide;
- ⑯ The equipment dimensions are 2.0 meters long × 0.8 meters wide × 1.60 meters high;
- ⑰ Net weight is about 120KG;
- ⑱ The filling motor power is 0.72KW/220V, the conveyor belt motor power is 0.37KW/220V, the total power is: 0.90KW;
- ⑲ The conveyor belt material is nylon POM, which has good wear resistance;
- ⑳ This machine requires the purchase of an additional air compressor, and the minimum air source pressure is 0.4MPa.
- ㉑ Suitable for filling various liquids and essential oils, with strong versatility;

3. Equipment technical parameters

Fig	Name	Qty	Brand	Fig	Name	Qty	Brand
	PLC	1pc	Zhongda		Touch screen	1pc	zhong da
	Frequency converter	1pc	Hongnan		Cylinder	4pcs	
	Sensor	1pc	Jingkejia		The electromagnetic valve	4pc	Zhengtai
	Panel button	2pcs	Taibang		Conveyor belt motor	1pc	Hongnan
	DC motor	4pcs	China		Power supply	5pcs	Liyao

	Power switch	1pc	Delixi		Duplex	1pc	Zhengtai
	Reducer	1pc	Hongnan		3.5L magnetic pump	6pc	China

Automatic Round Bottle Labeling Machine (Horizontal Positioning)

1, Overall appearance



2, Application

Applicable for bottles with diameter:12-22mm, height:30-150mm

3, Main Specifications

Electrical part					
Name	Brand	Qty	Name	Brand	Qty
PLC Programmable Controllers	Panasonic	1 set	header traction motor	YAKO	1 set
label sensor	SICK	1 set	HMI	WECON	1 set
Product sensor	Panasonic	1 set	conveyor motor	Hongnan	1 set
Labeling Motor	Ruida	1 set			

Mechanical structure part					
Qty	Qty	Qty	Qty	Qty	Qty
Header and adjustment mechanism	stainless steel, aluminum alloy	1set	traction mechanism	Diamond, aluminium alloy	1set
Conveyor	stainless steel, aluminum alloy,POM	1set	Electric box mechanism	stainless steel, aluminum alloy	1set
Bottling sorting and deliver material	stainless steel, aluminum alloy,POM	1set	Labeling & receiving material	stainless steel, aluminum alloy	1set
Orientation mechanism	stainless steel, aluminum alloy	1set			

Remarks: The configuration may be adjusted reasonably according to the actual material delivery period, and the configuration can be revised according to the needs of customers.

4, Equipment technical parameters

Labeling speed: about 0-220P/min (depending on the product and label size)

Labeling precision: ± 1 mm (excluding errors such as product labels)

Applicable product size: diameter:12-22mm, height:30-150mm

Applicable label range: length 10-100mm, backing paper width 10-100mm

Maximum label supply: within 300 outer diameter and 76mm inner diameter

Ambient temperature/humidity: 0-50°C/15-85%

Voltage specification: AC220V, 50HZ

Equipment Size: Estimated L*W*H: 2100*850mm*1500mm, 190kgs

5, labeling machine label parameters (for reference only):

Label spacing: 2-3mm \pm 0.2mm The label input method is roll material

Material: It is recommended to use glassine backing paper. The backing paper should avoid cuts or cut marks, which will affect the normal operation of labeling



6, After-sales Service Commitment

The whole equipment' warranty is one year, and the on-line technical support is free for 5 years.

- Spare part replacement

If it is within warranty, the spare parts are free of charge. After warranty, the spare parts are chargeable.

- Technical support services

We provide customers with video technical support for equipment installation and commissioning and equipment operation, directly guide customers to install, use and maintain equipment.

- On-site service

We can provide customers with on-site services. The customers are responsible for all travelling expenses with usd150 per day service charge.

Automated Capping Machine

1. Model# DX-XG-00



2. Equipment technical parameters

- ① Number of wheel heads: 4.
- ② Cap locking speed: 10-40 bottles/min (cap locking speed varies according to different packaging materials);
- ③ Applicable bottle mouth diameter Φ 20- Φ 65mm (can be customized), height 150-300mm (can be customized)
- ④ Equipment dimensions are approximately 2.0 meters long x 1.00 meters wide x 1.95 meters high

3. Equipment technical parameters

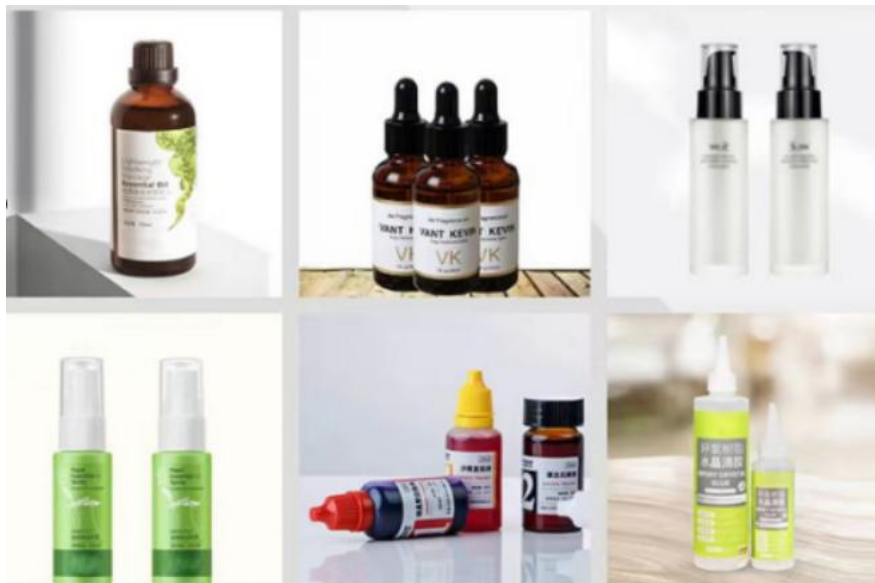
Name	Qty	Brand	Name	Qty	Brand
PLC	1pc	Mitsubishi	Reducer	1pc	Hongnan
Conveyor motor	1pc	Hongnan	Sensor	2pcs	Jiajingke
Panel button	2pcs	Taibang			

**12-station Table Turntable Filling
&
Capping Equipment**



1. Equipment Name: 12-station table turntable filling and capping Equipment

2. Functions: filling and capping of different types of bottles and caps

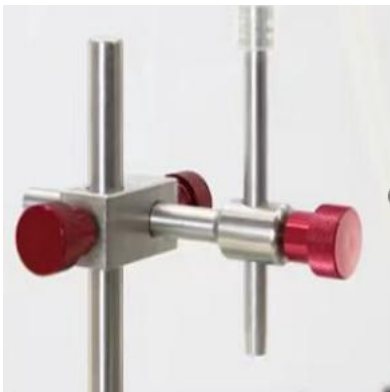


3. Product Features

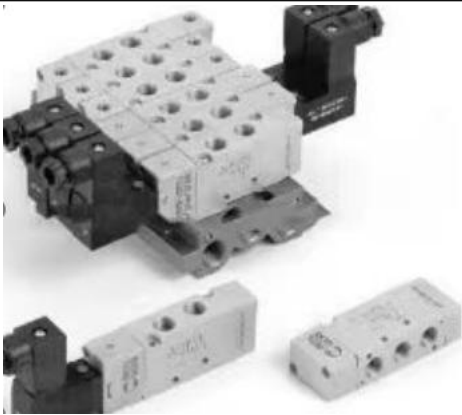
Fig.	Features
	<p>Easily changes to different size of bottles and cap</p>



User-friendly operation software



High precision filling module



Selective components with high quality
Durable for more than 10 years

4. Details product introduction

This equipment is a high-tech filling equipment integrated with microcomputer (PLC) programmable control, photoelectric sensor and pneumatic execution. This equipment is non-standard but custom-made, with accurate filling and measurement, no bubbles and no drips. It is suitable for filling various types of bottle types (including special-shaped bottles) of 3ml-20ml and 15ml-100ml; it is suitable for filling containers of different specifications, and the filling specification can be switched within a few minutes, with short filling cycle and high production capacity. Changing the filling specifications and adding spare parts can be completed by just adjusting. Users can choose the filling quantity according to their own production capacity to determine the number of filling heads. The touch-operated color screen can display the production status, operating procedures, filling methods, etc., and the screen Intuitive, simple operation and convenient maintenance.

The design adopts the method of servo precise control of the 12-station production personnel on the turntable to put bottles and caps, and automatically fills and automatically exports products with automatic servo caps. Containers of various shapes can be effectively filled in this equipment. The international advanced POM material check valve is selected to ensure that there is no dripping or drooling during the filling process. The powerful PLC software support can realize the ideal filling operation. machine interface, all

All operations are completed on the touch screen. The automatic liquid filling equipment adopts the principle of magnetic quantitative filling. Manual bottle entry, positioning, filling, manual capping, and bottle output are all automatically controlled by PLC, which conforms to GMP standards. It is suitable for pharmaceutical, food, daily chemical, pesticide and fine chemical industries. Liquid filling and capping; production process: manual bottle placement—automatic filling—manual capping—automatic locking cap—production;

1. Number of filling heads: 1 head, filling speed: 15-50 bottles/min (the filling speed is different according to different materials), the filling speed is adjustable, and the phenomenon of bottle overflow is eliminated;

2. Number of capping heads: 1 head, the automatic capping is controlled by the servo motor to control the torque and speed, the air claws can accurately grasp the caps in place, and the adjustment of various caps is simple and fast.
3. Filling accuracy: $\pm 1\%$, the pump head adopts 316L stainless steel magnetic pump, which is rust-proof and corrosion-resistant;
4. Filling form: DC motor drives magnetic pump filling;
5. It has the function of no bottle no filling;
6. The overall program control adopts PLC + touch screen, and the adjustment of filling volume and filling speed is convenient, quick and simple;
7. The overall appearance material is mainly made of stainless steel 304, with a thickness of 1.5mm;
8. Material of parts in contact with liquid: 316L stainless steel and food grade PVC material;
9. The filling nozzle is made of stainless steel 316 material, which is corrosion-resistant and meets GMP production requirements;
10. The maximum filling temperature is within 70°C ;
11. The feed hose is made of PVC, and the temperature range is $-10^{\circ}\text{C}\sim+90^{\circ}\text{C}$;
12. The equipment has strong compatibility, and can quickly adjust and replace bottles of different shapes and specifications without replacing parts, which can meet the production requirements of multiple varieties and specifications;
13. Full Chinese true color man-machine interface, the terminal display operation platform adopts Chinese and English menus, the man-machine interface has functions such as parameter setting, manual operation, I/O monitoring, function selection, etc., which is intuitive and simple; it greatly facilitates the parameter setting Adjustment and testing of various functions;
14. The size of the equipment is 650mm long x 550mm wide x 500mm high;
15. The net weight is about 70KG;
16. Backup voltage 220V (customizable), equipment power: 0.6KW;
17. This machine needs to purchase additional air compressor, and the minimum air source pressure is required to be 0.4MPa.

18. The equipment is suitable for caliber 12mm-26mm (customizable); it is suitable for filling various liquids and essential oils, and has strong versatility;

The electrical configuration list of the equipment is as follows

Fig.	Name	Qty	Brand	Fig.	Name	Qty	Brand/Country of Origin
	Program controller	1pc	Siemens, China		Touch screen monitor	1pc	Siemens, China
	Panel button	2pc	GPG motor, China		electromagnetic valve	3pc	Airtac, China
	DC Motor	1pc	China		Power switch	3pc	Omron, China
	Power switch	1pc	Delixi, China		Combination Unit	1pc	Airtac, China
	Cylinder	3pc	Airtac, China		Peristaltic pump with 2 heads	1pc	China
	Servo Motor	1set	Delta, Taiwan		RCD (Residual Current Device)	1pc	Schneider, France

Remarks:

This equipment is a non-standard model. If there is a lack of configuration parts, it will be used with the same quality specifications.

5, After-sales Service Commitment

The whole equipment' warranty is one year, and the on-line technical support is free for 5 years.

- Spare part replacement

If it is within warranty, the spare parts are free of charge. After warranty, the spare parts are chargeable.

- Technical support services

We provide customers with video technical support for equipment installation and commissioning and equipment operation, directly guide customers to install, use and maintain equipment.

- On-site service

We can provide customers with on-site services. The customers are responsible for all travelling expenses with usd150 per day service charge.

MANAGEMENT SYSTEM CERTIFICATE

Certificate no.:
249052-2017-AQ-RGC-NA-PS

Initial certification date:
2 May 2007

Valid:
31 January 2022 – 30 January 2025

This is to certify that the management system of

Goldsite Diagnostics Inc.

No. 103C, 503C, 504D, Technology Building & No. 3A & 4A, Technology Building Annex,
Zhaoshang Sub-district, Nanshan District, Shenzhen, China, 518067
(Unicode:914403007084983777)

and the sites as mentioned in the appendix accompanying this certificate

has been found to conform to the Quality Management System standard:

ISO 13485:2016 / EN ISO 13485:2016

This certificate is valid for the following scope:

Design, Manufacture, Sales and Service of Specific Protein Analyzers, Chemiluminescence Immunoassay Analyzers, Blood Gas Analyzers, Clinical Chemistry Analyzers, Time-resolved Fluoroimmunoassay Analyzers, Glycated Hemoglobin Analyzers and Design, Manufacture and Sales of the Reagents Thereof.

Place and date:
Høvik, 13 September 2021



For the issuing office:
DNV Product Assurance AS
Veritasveien 3, 1363 Høvik, Norway

Cecilie Gudesen Torp

Cecilie Gudesen Torp
Management representative

Appendix to Certificate

Locations included in the certification are as follows:

Site Name	Site Address	Site Scope
Goldsite Diagnostics Inc.	No. 3A & 4A, Technology Building Annex, Zhaoshang Sub-district, Nanshan District, Shenzhen, China, 518067	Manufacture of Specific Protein Analyzers, Chemiluminescence Immunoassay Analyzers, Blood Gas Analyzers, Clinical Chemistry Analyzers, Time-resolved Fluoroimmunoassay Analyzers, Glycated Hemoglobin Analyzers and the Reagents Thereof.
Goldsite Diagnostics Inc.	No. 103C, 503C, 504D, Technology Building, Zhaoshang Sub-district, Nanshan District, Shenzhen, China, 518067	Design, Warehouse and Distribution Management and Sales of Specific Protein Analyzers, Chemiluminescence Immunoassay Analyzers, Blood Gas Analyzers, Clinical Chemistry Analyzers, Time-resolved Fluoroimmunoassay Analyzers, Glycated Hemoglobin Analyzers and the Reagents Thereof and Service of the Above Analyzers.



MANAGEMENT SYSTEM CERTIFICATE

Certificate No:
76682-2010-AQ-RGC-RvA

Initial certification date:
02 May, 2007

Valid:
01 June, 2021 – 01 June, 2024

This is to certify that the management system of

Goldsite Diagnostics Inc.

No.103C, 503C, 504D, Technology Building, & No. 3A & 4A, Technology Building Annex, Zhaoshang Sub-district, Nanshan District, Shenzhen, China, 518067 and the sites as mentioned in the appendix accompanying this certificate

has been found to conform to the Quality Management System standard:

GB/T 19001-2016/ISO 9001:2015

This certificate is valid for the following scope:

Design, Manufacture and Sales of Specific Protein Analyzers, Chemiluminescence Immunoassay Analyzers, Blood Gas Analyzers, Clinical Chemistry Analyzers, Time-Resolved Fluoroimmunoassay Analyzers, Glycated Hemoglobin Analyzers and the Reagents Thereof

Place and date:
Shanghai, 12 May, 2021

For the issuing office:
**DNV - Business Assurance
Suite A, Building 9, No.1591 Hongqiao
Road, Changning District, Shanghai
200336, P.R. China
TEL: +86 21 32799000**



Zhu Hai Ming
Management Representative

Lack of fulfilment of conditions as set out in the Certification Agreement may render this Certificate invalid.

ACCREDITED UNIT: DNV GL Business Assurance B.V., Zwolseweg 1, 2994 LB, Barendrecht, Netherlands - TEL: +31(0)102922689. www.dnvgl.com/assurance

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统一社会信用代码

914403007084983777

营业执照



名称 深圳市国赛生物技术有限公司

类型 有限责任公司

法定代表人 赵凯

成立日期 1999年04月23日

住所 深圳市坪山区坑梓街道金沙社区荣田路9号国赛科技大厦1号楼1001

重要提示

1. 商事主体的经营范围由章程确定。经营范围中属于法律、法规规定应当经批准的项目，取得许可审批文件后方可开展相关经营活动。
2. 商事主体经营范围和许可审批项目等有关企业信用事项及年报信息和其他信用信息，请登录左下角的国家企业信用信息公示系统或扫描右上方的二维码查询。
3. 各类商事主体每年须于成立周年之日起两个月内，向商事登记机关提交上一自然年度的年度报告。企业应当按照《企业信息公示暂行条例》第十条的规定向社会公示企业信息。

登记机关

2023年03月20日



Business License

Unified Social Credit Identifier
914403007084983777

(QR Code)

Enterprise	Goldsite Diagnostics Inc.	Date of Establishment	April 23, 1999
Type of Enterprise	Company with Limited Liability	Address	No. 1001, Building No.1, GOLDSITE Mansion, No. 9 Rongtian Road, Kengzi, Pingshan District, Shenzhen, China
Legal Representative	ZHAO KAI		

Important Notice:

1. The business scope of enterprise shall be determined by the company chapter. The items which need the pre-approval under the law and regulations shall not be executed before obtaining the permit.
2. Business scope, approved items, and other related corporate credit matters, annual report and other credit information, please log in to the National Enterprise Credit Information Publicity System in the lower left corner or scan the QR code in the upper right corner to check.
3. Each type of commercial entity must submit its annual report for the previous calendar year to the commercial registration authority within two months from the anniversary of its establishment. Enterprises shall disclose their enterprise information to the public in accordance with Article 10 of the Provisional Regulations on Enterprise Information Disclosure.

Registration Authority: Shenzhen Administration for Market Regulation
Date: March 20, 2023

Website of the National Enterprise Credit Information Publicity System: <http://www.gsxt.gov.cn>

Supervised by State Administration for Industry and Commerce of the People's Republic of China